

CLAIMS

1. Voice prosthesis to be mounted in a fistula
between trachea and esophagus, comprising a spool-shaped ~~X~~
element having a through passage and a valve mechanism con-
5 trolling the connection through said passage, said valve
mechanism having sealing surfaces which can be pressed
against each other, c h a r a c t e r i z e d by means for
providing a magnet force acting between the sealing sur-
faces to keep said surfaces pressed against each other in
10 the closed position of the valve mechanism.

2. Voice prosthesis according to claim 1,
c h a r a c t e r i z e d in that said means comprises a
magnet on one of two elements moveable in relation to each
15 other, which form said sealing surfaces, and a magnet or a
magnetically attractable material on the other element.

3. Voice prosthesis according to claim 2,
c h a r a c t e r i z e d in that the magnet or each mag-
20 net, respectively, comprises a permanent magnet.

4. Voice prosthesis according to claim 2,
c h a r a c t e r i z e d in that the magnet or each mag-
net, respectively, comprises an electromagnet.

25 5. Voice prosthesis according to any of claims 2 to
4, c h a r a c t e r i z e d in that the magnet or the
magnets, respectively, are attached by gluing.

30 6. Voice prosthesis according to any of claims 2 to
4, c h a r a c t e r i z e d in that the magnet or the
magnets, respectively, are attached by moulding.

~~X~~ 7. Voice prosthesis according to any of claims 2 to
35 6, c h a r a c t e r i z e d in that the magnet or the

magnets, respectively, are coated with a surface layer of corrosion resistant material.

5 7. Voice prosthesis according to any of claims 1 to 8, characterized in that at least one of the sealing surfaces consists of a candida resistant material.

10 9. Voice prosthesis according to claim 8, characterized in that the candida resistant material forms one sealing surface in the shape of a valve seat and is extended axially on at least one side of the seat as a lining in the passage through the spool-shaped element.